



TOPIC CANCELED 5/1/10

HIGH FREQUENCY RADIO WAVES IN SPACE

The Transmission Technology Branch (Code 5550) of the Naval Research Laboratory is developing methods of using radio waves in demonstrating and exploiting propagation and modification effects in the ionosphere and other regions of space. NRL is interested in proposals for innovative basic and applied research leading to the development of new capabilities and applications for existing and new systems; the development of new digital techniques for wide band measurements, geomagnetic activity effects, and interferometric studies; or for other innovative science or technical development related to radio waves in space.

NRL is not interested, as part of this BAA, in developed products or concepts that have been proven effective. The BAA is for research topics in support of advanced investigations of radio waves in space.

Novel techniques, improvements to the state-of-the-art, scientific study, and experimentation are the desired result of efforts funded via this BAA. Deliverables should not focus on hardware implementations but rather on results from investigative efforts and experiments.

Proposers may respond to one or more areas of interest or may propose clearly related investigations; however, each area requires an individual and complete proposal which will be separately evaluated.

Research may be conducted at the unclassified level and proposals must be unclassified.

Address White Papers (WP) to Code 5550, telephone (202) 767-2179, or [e-mail](#). Allow one month before requesting confirmation of receipt of WP, if confirmation is desired. Substantive contact should not take place prior to evaluation of a WP by NRL. If necessary, NRL will initiate substantive contact.